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*Shiozawa, T.; Makita, H.; Murakami, M.; Shimosaka, N.; Fujiwara, M.;*  
Broadcasting, IEEE Transactions on , Volume: 45 Issue: 3 , Sept. 1999  
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**28 Ultra-low chirp EAM-DFB-LD for 2.5 Gbps-700 km penalty-free transmission**

*Miyazaki, Y.; Ishimura, E.; Takagi, K.; Kuramoto, K.; Tada, H.; Matsumoto, K.; Takiguchi, T.; Kadokawa, T.; Fujiwara, M.; Takemoto, A.; Higuchi, H.;*  
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**29 Optical cross-connect system incorporated with newly developed operation and management system**

*Shiragaki, T.; Henmi, N.; Kato, T.; Fujiwara, M.; Misono, M.; Shiozawa, T.; Suzuki, S.;*  
Selected Areas in Communications, IEEE Journal on , Volume: 16 Issue: 7 , Sept. 1998  
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30 The world's first practical implementation of an optical network as a TV broadcast center backbone network  
Shiozawa, T.; Makita, H.; Murakami, M.; Shimosaka, N.; Fujiwara, M.;

Integrated Optics and Optical Fibre Communications, 11th International Conference on, and 23rd European Conference on Optical Communications (Conf. Publ. No.: 448), Volume: 3, 22-25 Sept. 1997

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*Yasuda, M.; Nishio, T.; Toyokura, M.; Kawamura, A.; Fujiwara, M.; Akiyama, T.;*

Consumer Electronics, 1997. Digest of Technical Papers. ICCE., International Conference on , June 11-13, 1997

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[Abstract] [PDF Full-Text (152 KB)] **IEEE CNF**

**32 Reliable 60/spl deg/c, 50 mW Operation Of 650 nm-band Window-mirror Laser Diodes**

*Utakouji, T.; Shims, A.; Tada, H.; Fujiwara, M.; Ono, K.; Takemi, M.; Kimura, T.; Aiga, M.;*

Lasers and Electro-Optics, 1997. CLEO/Pacific Rim '97., Pacific Rim Conference on , 14-18 July 1997

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[Abstract] [PDF Full-Text (120 KB)] **IEEE CNF**

**33 Highly reliable 60°C 50-mW operation of 650-nm band window-mirror laser diodes**

*Shima, A.; Tada, H.; Ono, K.; Fujiwara, M.; Utakouji, T.; Kimura, T.; Takemi, M.; Higuchi, H.;*

Photonics Technology Letters, IEEE , Volume: 9 Issue: 4 , April 1997

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[Abstract] [PDF Full-Text (52 KB)] **IEEE JNL**

**34 MPEG2 video decoder and AC-3 audio decoder LSIs for DVD player**

*Yasuda, M.; Nishio, T.; Toyokura, M.; Kawamura, A.; Fujiwara, M.; Akiyama, T.;*

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**35 Guest Editorial Multiwavelength Optical Technology and Networks**

*Fujiwara, M.; Goodman, M.S.; O'Mahony, M.J.; Tonguz, O.K.; Willner, A.E.;*

Lightwave Technology, Journal of , Volume: 14 Issue: 6 , June 1996

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**36 New data acquisition system for the focal plane polarimeter of the Grand Raiden spectrometer**

*Tamii, A.; Sakaguchi, H.; Takeda, H.; Yosoi, M.; Akimune, H.;*

*Fujiwara, M.; Ogata, H.; Tanaka, M.; Togawa, H.;*

Nuclear Science, IEEE Transactions on , Volume: 43 Issue: 5 , Oct. 1996

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**37 High-speed wavelength switching and stabilization of an acoustooptic tunable filter for WDM network in broadcasting stations**

*Misono, M.; Henmi, N.; Hosoi, T.; Fujiwara, M.;*

Photonics Technology Letters, IEEE , Volume: 8 Issue: 4 , April 1996

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**38 Practical implementation of the WD/TD optical network in a broadcast station**

*Kamise, C.; Ando, S.; Shiozawa, T.; Shimosaka, N.; Fujiwara, M.;*  
Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

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**39 Development of variable bit rate disc system**

*Yokouchi, K.; Sugiyama, K.; Fujiwara, M.; Tanaka, K.; Nemoto, S.; Iwata, K.;*

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**40 Video Disc System Using Variable Bit Rate**

*Sugiyama, K.; Fujiwara, M.; Yokouchi, K.;*

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*Sawano, T.; Suzuki, S.; Fujiwara, M.; Nishimoto, H.;*

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**43 Molecular design of ferromagnetic and ferrimagnetic inorganic polymers**

*Fujiwara, M.; Mori, W.; Yamaguchi, K.;*

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**44 Magnetic properties of heteropolymetallic systems**

*Fujiwara, M.; Mori, W.; Yamaguchi, K.;*

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**2 Radar requirements and architecture trades for automotive applications**

*Dixit, R.; Rafaelli, L.;*

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*Hamdi, M.; Pan, Y.;*

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*Jain, P.; Lam, S.S.;*

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*Dewar, W.J.; Sethi, S.S.;*

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*Kamal, A.E.;*

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*Luque, J.; Gomez, I.;*

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**8 On the nature and inadequacies of transport timing delay constructs in VHDL descriptions**

*Walker, P.A.; Ghosh, S.;*

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 16 Issue: 8 , Aug. 1997

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**9 Performance evaluation of control networks: Ethernet, Cnet, and DeviceNet**

*Feng-Li Lian; Moyne, J.R.; Tilbury, D.M.;*

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**11 Neuromorphic analog communication**

*Marienborg, J.-T.; Lande, T.S.; Hovin, M.; Abusland, A.;*

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